

PFGE/Food Microbiology

***Clostridium botulinum* (Botulism) Bacterial ID, Toxin, and Serology Testing**

Consultation with laboratory required prior to referral.

Specimen Requirements: Suspect food, 10 mL serum, and 25 gm stool. Call the laboratory for consultation on sending specimens. An epidemiologic consultation is required, and to make arrangements for receiving antitoxin. .

Food testing performed at MTPHL.

Human testing referred to the Utah State Public Health Laboratory in Salt Lake City, UT.

Turn Around Time: Preliminary results in 2 to 4 working days.

CPT Code: None

Price: Fee Waived*

Transport Temperature: Contact the laboratory

DNA Fingerprinting (see Pulsed Field Gel Electrophoresis)

PFGE (see Pulsed Field Gel Electrophoresis)

Pulsed Field Gel Electrophoresis (for Enterics)

Specimen Requirements: Send *Salmonella spp.*, *Shigella spp.*, toxin-producing *E. coli*, *Listeria spp.*, and *Vibrio* isolates on solid media or on swab in Cary-Blair transport medium.

*Testing is performed at no cost for epidemiological purposes.

For public health surveillance, please submit all isolates of *Salmonella spp.*, *Shigella spp.*, toxin-producing *E. coli*, *Listeria spp.*, and *Vibrio*. *Campylobacter spp.* isolates are also encouraged when multiple isolates are identified.

CPT Code: None

Price: Fee Waived*

Transport Temperature: Ambient

Pulsed Field Gel Electrophoresis (for other organisms)

Specimen Requirements: Send non-fastidious Gram negative rods or Gram positive isolates on solid media or on swab in Cary-Blair transport medium.

NOTE: Minimum of 3 isolates required. Please contact the laboratory in advance regarding availability of testing for that isolate, and for the necessary number of isolates.

CPT Codes: 83890 (molecular extraction)

Price: \$34.50

83892 (enzymatic digestion)

Price: \$26.50

83894 (enzymatic separation by gel electrophoresis)

Price: \$26.50

83912 (interpretation and report)

Price: \$26.50

Total Price: \$114.00 per isolate

Transport Temperature: Ambient